

DALI Touch Panel Controller

DALI-P03

Summary

DALI-P03 is a touch-sensitive panel for easy-to-use control of lighting control systems and DALI Type 8 colour devices. It can be widely used in schools, retail, hospitals, and offices.

Product Features

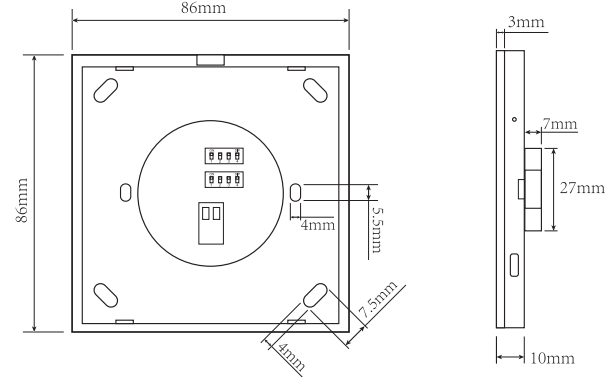
- Supports DALI Type 8 colour temperature
- Supplied via DALI bus
- Support broadcast control.
- Adjust the brightness and color temperature of the lamp
- Save and call up to 4 scenes
- Group serial number can be freely set by DIP switch
- Use blue led button indicator, easy to use.
- Can support many standards electrical wall box
- Glass panel, fashion style.

Technical Parameters

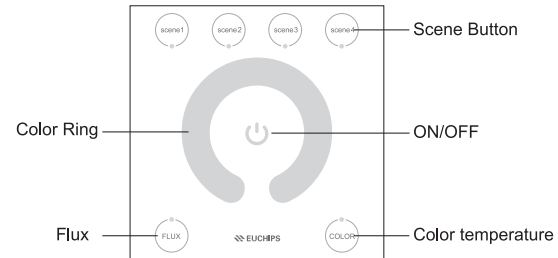
Model		DALI-P03
Output	Signal	DALI signal(Group/Scene/broadcast)
	Indicator lights	7
	Scenes	4
Input	Voltage	9.5~22.5VDC
	Current	8mA
Others	Dimension	86*86*10mm(L*W*H)
	Packing size	145*135*48mm(L*W*H)
	N.W.	110g
	G.W	145g
	Working temp.	-10℃~60℃
	Relative humidity	20~90%RH



Dimension (mm)



Function Description



ON/OFF

- In OFF status, short press the ON/OFF button to open the DALI panel. When the panel is powered on, the lamp is turned on, and restored to the state before the last time it was turned off; when the panel is powered off, the lamp is turned on and the lamp is 100% output of cold white.
- In ON status,, short press ON/OFF button, all the control lamps turn off, but the key indicator light is slightly on to indicate the position of the switch in the dark.

Brightness

Flux: Click Flux, then you can adjust the brightness of the lamp. When opening the panel, Flux is activated by default. Touch the ring to adjust brightness, clockwise turn will increase the brightness; Anti-clockwise turn will reduce the brightness. The darkest is 5% and the brightest is 100%.

Color temperature control

Color: Click the Color button to activate the color temperature adjustment function. Touch the ring to adjust brightness, clockwise turn will increase the color temperature; Anti-clockwise turn will reduce the color temperature. The minimum color temperature is 3000k and the maximum color temperature is 6000k

SCENE

Save and recall up to 4 scenes. Press SCENE shortly to recall the previously saved scene. Press and hold SCENE 5s until you hear a beep to save the current scene.

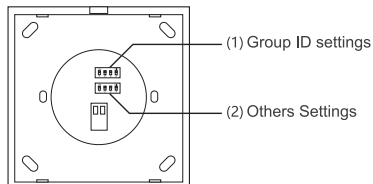
The factory default settings are as follows:

	Brightness	Color temperature
SCENE1	100%	3000K
SCENE2	100%	6000K
SCENE3	50%	4500K
SCENE4	5%	4500K

Interface Introduction

Group ID Settings

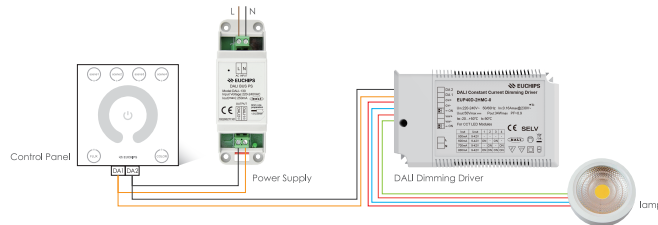
Group DIP Switch: the group ID setting, the range is 0-15, Binary dial table as following (0 means OFF, 1 means ON)



(1) Group ID setting

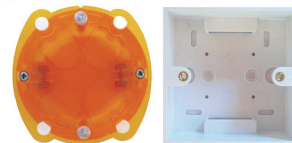
DIP switch state	ID	DIP switch state	ID
0-0-0-0	0	0-0-0-1	8
1-0-0-0	1	1-0-0-1	9
0-1-0-0	2	0-1-0-1	10
1-1-0-0	3	1-1-0-1	11
0-0-1-0	4	0-0-1-1	12
1-0-1-0	5	1-0-1-1	13
0-1-1-0	6	0-1-1-1	14
1-1-1-0	7	1-1-1-1	15

DALI Diagram

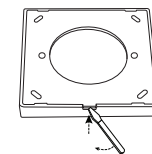


Installation guide

1. Mount an electrical box inside the wall

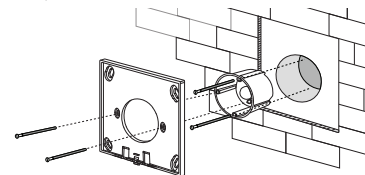


2. To separate the glass panel and the back cover of the controller with a screwdriver along the gap of the back cover.

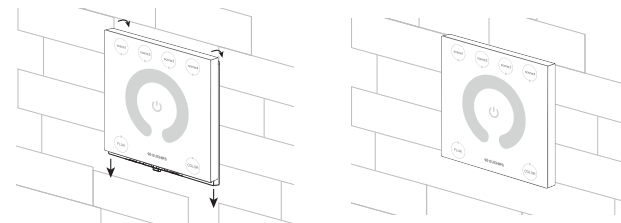


3. Connect the wires

4. To put the back cover on the electrical box and fix it with the screw.



5. To buckle the glass panel to the bottom box.



DALI触摸式面板控制器

DALI-P03

概述

DALI-P03是欧切斯设计的高端DALI触摸式玻璃面板控制器系列的产品之一，它具有界面时尚美观，功能齐全，简单易用，按键触摸灵敏等特点。它主要应用于控制符合DALI标准协议的控制或电源，实现区域和场景控制，满足客户个性化的调光要求。可广泛应用于学校、零售、医院以及办公室等区域。

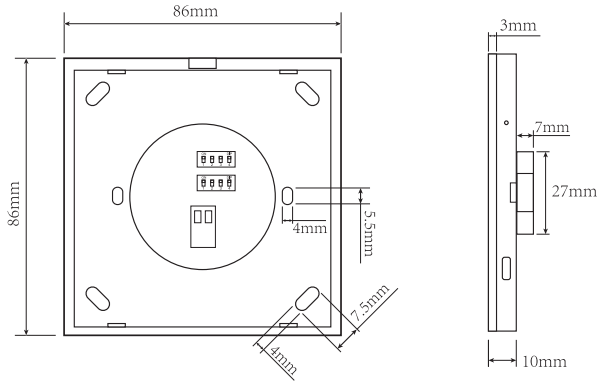
产品特点

- 遵循DALI IEC62386 DT8标准协议
 - 通过DALI总线供电
 - 支持广播控制
 - 可以调节灯具的亮度和色温
 - 可以保存和调用最多4个场景
- 组序号可通过拨码开关自由设置
 - 采用玻璃面板，磨砂制作工艺，外观时尚
 - 蓝色按键灯指示，简单易用
 - 可支持多种标准的墙盒

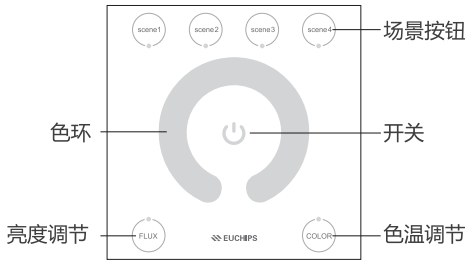
技术参数

型号		DALI-P03
输出	信号	DALI信号(组/场景/广播)
	指示灯数	7
	可控制场景数	4
输入	电压	9.5-22.5VDC
	电流	8mA
其他	产品尺寸	86*86*10mm(长*宽*高)
	包装尺寸	145*135*48mm(长*宽*高)
	净重量	110克
	毛重量	145克
	工作温度	-10℃~50℃
	相对湿度	20~90%RH

外观尺寸(mm)



功能描述



1.开关控制

- 关闭状态下，短按开关键，开启DALI 面板。面板带电的情况下开灯，灯具恢复到上次关闭前的状态；面板掉电的情况下开灯，灯具亮度为冷光全亮。
- 开启状态下，短按开关键，则可关闭面板，控制的所有灯具熄灭，按键指示灯微亮，用于黑暗中指示开关的位置。

2.亮度控制

Flux：打开面板时，Flux默认为激活状态。色环可调节灯具的亮度，沿环顺时针触摸色环，灯具的亮度将逐渐增加；沿环逆时针触摸色环，灯具的亮度将逐渐减小。最暗为5%的亮度，最亮为100%。

3.色温控制

Color：选中后，可以调节灯具色温。打开面板后，点击Color 按键，激活色温调节功能。色环可调节灯具色温，沿环顺时针触摸色环，灯具的色温将逐渐增加；沿环逆时针触摸色环，灯具的色温将逐渐减小。最小色温为3000k，最大色温为6000k。

4.场景控制

面板最多可以保存并调用4个场景，短按SCENE，调用之前保存的场景；长按SCENE 5s中，直到听见响声，即可保存当前的场景。

	亮度	色温
SCENE1	100%	3000K
SCENE2	100%	6000K
SCENE3	50%	4500K
SCENE4	5%最小亮度	4500K

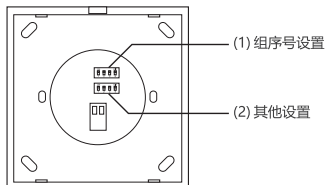
接口描述

· 组序号设置

1.组序号拨码开关：用于设置组序号，可设为0-15。采用二进制拨码。

二进制拨码表如下

（0表示拨到OFF，1表示拨到ON）。



(1) 组序号设置

拨码开关	组序号	拨码开关	组序号
0-0-0-0	0	0-0-0-1	8
1-0-0-0	1	1-0-0-1	9
0-1-0-0	2	0-1-0-1	10
1-1-0-0	3	1-1-0-1	11
0-0-1-0	4	0-0-1-1	12
1-0-1-0	5	1-0-1-1	13
0-1-1-0	6	0-1-1-1	14
1-1-1-0	7	1-1-1-1	15

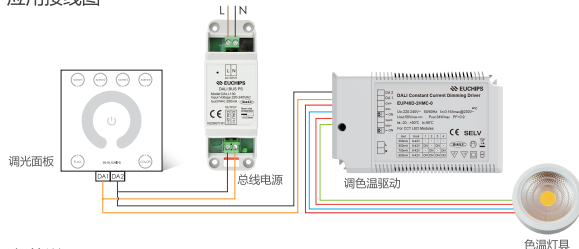
· 其它设置

	ON	OFF
1 (备注1)	分组模式	广播模式
2	打开背光灯	关闭背光灯
3	打开按键音	关闭按键音
4	打开按键振动	关闭按键振动

备注1:只有将拨码设置为OFF，组别设置才有效

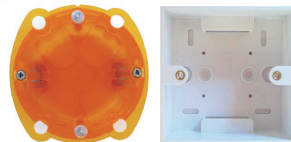
备注2:更改设置完成后，重新上电，更改信息才会生效

应用接线图

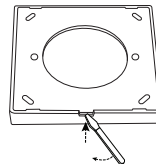


安装说明

1.在墙上安装电气盒

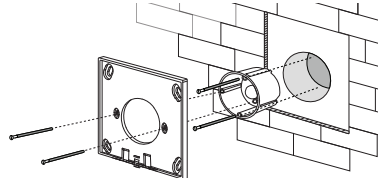


2.如图所示用螺丝刀沿着后盖下方缺口的缝隙轻轻的撬开后盖



3.将DALI信号线连接在玻璃面板背面上相应的端子

4.如图所示，用螺钉将后盖嵌入电气盒内，以确保安装牢固



5.将玻璃面板卡住后盖

